

19990613.qrp v01_n487.qrl.990613

Date: Sun, 13 Jun 1999 19:03:35 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1487

QRP-L Digest 1487

Topics covered in this issue include:

- 1) [42587] SG 2020
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- 2) [42588] Full Gallon - QRP
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 3) [42589] QRP-L Disk Arrives in NJ
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 4) [42590] DSW-40 QSOs
by "Ed Tanton" <n4xy@att.net>
- 5) [42591] Re: DSW-40 QSOs
by "Ken Hanks" <kennfd@snet.net>
- 6) [42592] 4X1KS QSL info please
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 7) [42593] Far Circuits?
by n6jpa@qsl.net (Keith)
- 8) [42594] Books for kids
by "Craig B. Johnson" <johns516@maroon.tc.umn.edu>
- 9) [42595] Laser QRP (might be dupe msg)
by James R Giammanco <n5ib@juno.com>
- 10) [42596] RE: FIELD DAY 1999
by Brian Kassel <bkassel@dancris.com>
- 11) [42597] Re: AL7FS - May be a good day for HF
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 12) [42598] QRP on TS570, IC746, FT-920
by "Kelly" <kelman@dialnet.net>
- 13) [42599] Re: From San Jose,CA. to NJ in 2 Days the RHR Arrived.
by "Jerry Decker" <n5rv@hex.net>
- 14) [42600] HAMCOM AFTER ACTION REPORT (BDA)
by Brad Bradfield <b_bradfield@yahoo.com>
- 15) [42601] Re: Hi W0RSP de LZ2RS
by Adrian Weiss <aweiss@usd.edu>
- 16) [42602] Re: Books for kids
by guillotstutoring@juno.com
- 17) [42603] RE: Far Circuits?
by "Ed Tanton" <n4xy@att.net>
- 18) [42604] Interesting design shareware
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 19) [42605] RE: DSW-40 QSOs

by "Ed Tanton" <n4xy@att.net>
20) [42606] Updated Field Day Listings & words to the wise
by "Bill Todd" <bill@willapabay.org>
21) [42607] Re: Cuddly CW!
by Victor E Turner <victnr@juno.com>
22) [42608] "What's on" propagation?
by Goran Hosinsky <hosinsky@jet.es>
23) [42609] Re: Cuddly CW!
by Victor E Turner <victnr@juno.com>
24) [42610] Re: "What's on" propagation?
by n6jpa@qsl.net (Keith)
25) [42611] Re: Interesting software
by "Jean Jibouleau" <jiboulj@globetrotter.net>
26) [42612] QRP DX with indoor antenna....it's possible
by WB9MII@aol.com
27) [42613] Circuit SIMulation Software (and schematic drawing too)
by Bruce Muscolino <w6toy@erols.com>
28) [42614] Soldier Wick?
by "Steve/n0tu" <n0tu@webaccess.net>
29) [42615] Oscilloscope Source
by "Frank Matthews" <fmathews@pilot.infi.net>
30) [42616] Re: Soldier Wick?
by George F Franklin <w0av@juno.com>
31) [42617] Re: Soldier Wick?
by Roy <marion@montana.com>
32) [42618] Announcement from Adventure Radio Society
by " Russ Carpenter" <russ@natworld.com>
33) [42619] Indoor Antennas: WAS: QRP DX with indoor antenna....it's possible
by "Rod Cerkoney" <rwc@frii.com>
34) [42620] Re: Soldier Wick?
by "John J. McDonough" <jjmcd@tm.net>
35) [42621] circuit simulation soft ware...question
by "The one and only!" <mitch96@pobox.com>
36) [42622] circuit simulation soft ware...question
by "The one and only!" <mitch96@pobox.com>
37) [42623] Fw: Announcement from Adventure Radio Society
by "Fred DeVries" <fred.devries@mindspring.com>
38) [42624] Re: QRP DX with indoor antenna....it's possible
by N7YA@aol.com
39) [42625] Post-op boredom, interesting medication & waiting on a couple boxes
by Nils R Young <nilsbull@juno.com>
40) [42626] Weller Soldering Station on sale at Canadian Tire (Canada).
by "Vincent Ferme" <vferme@sprint.ca>
41) [42627] Results of the 5th ORIGINAL-QRP-CONTEST
by Michael <mike_mhe@compuserve.com>
42) [42628] Re: Post-op boredom, interesting medication & waiting on a couple
boxes
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>

- 43) [42629] F.S. RS DSP40 and Autek QF1 Combo.
by "Vincent Ferme" <vferme@sprint.ca>
- 44) [42630] Re: Ten Tec model 200 vfo
by "Paul R. Valko" <prvalko@oakland.edu>
- 45) [42631] Re: Updated Field Day Listings
by "Bill Todd" <bill@willapabay.org>
- 46) [42632] Logger program and mailing list.
by "Vincent Ferme" <vferme@sprint.ca>
- 47) [42633] Norcal SST Keying
by "Paul Christensen" <paulc@mediaone.net>
- 48) [42634] SST on 16v
by "Jim Nestor" <nestoji@home.com>
- 49) [42635] AL7FS thought on CW speed and courtesy.
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 50) [42636] Fw: Indoor Antennas: WAS: QRP DX with indoor antenna....it's possible
by william h ross <k6mgo@juno.com>

Date: Sat, 12 Jun 1999 17:17:15 -0700
From: Thomas Upton <stjohn@ocsnet.net>
To: qrp-l@Lehigh.EDU
Subject: [42587] SG 2020
Message-ID: <3762F88B.A9F7AB7C@ocsnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Posted earlier this morning that I got a GS 2020, but of course it is an SG 2020.

Early morning dyslexia, I suppose. Habit forming, because I made the same mistake last week in a letter to someone about how thrilled I was waiting for its arrival.

Good contacts on its maiden voyage, with a very marginal dipole up only 7 feet....

You can see, that can be improved.

Will share the adventures, from time to time.

Tom Upton AD6N formerly WA6DHD
Porterville CA 36 at 119 (look it up!)

Date: Sat, 12 Jun 1999 20:59:52 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [42588] Full Gallon - QRP
Message-ID: <37630288.E79E91E5@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You know something? Jim's suggestion makes a great deal of sense. From now on I'm running "Full Tablespoon".

>Therefore, in keeping with the philosophy that "less is more" may I
>respectfully offer that a five watt rig be referred to as running a
>"Full
>Tablespoon" :^)
>
>72,
>Jim N5IB

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sat, 12 Jun 1999 20:55:01 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [42589] QRP-L Disk Arrives in NJ
Message-ID: <37630165.66E87058@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got my QRP-L Archive CD in the mail today. Very nicely done guys. Thanks for all the efforts.

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T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sat, 12 Jun 1999 21:10:26 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [42590] DSW-40 QSOs
Message-ID: <011901beb539\$854e0a00\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will be on 7.040 +/- 3kHz for the next hour or so. I MAY go down to ~7.018 if NOBODY shows up... but if you want to hear the new Small Wonder Labs DSW-40, you can do it this evening for a while. If your code speed is a lot less than my CQ, no problem: I WILL slow down for you. Have at it guys.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

Date: Sat, 12 Jun 1999 21:49:52 -0400
From: "Ken Hanks" <kennfd@snet.net>
To: <n4xy@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [42591] Re: DSW-40 QSOs
Message-ID: <002601beb53f\$0b408f20\$10c93ccc@acer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed:

I heard you at 2146 on ~7.043. You were 349 here in Connecticut. There was also a 20 over S9 RTTY station close to the frequency which made copy a

little difficult.

73,

Ken Hanks, K1XS
KenNFD@snet.net
<http://www.qsl.net/k1xs>

Date: Sat, 12 Jun 1999 21:50:09 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [42592] 4X1KS QSL info please
Message-ID: <37630E50.DD88A14C@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just worked 4X1KS at 21.02 MHz around 0112z. I thought that I copied to QSL to NF4W but had thunderstoms near and QRN was very bad. Would anyone know if I got this right? TIA
PS. Mark asked the calling stations to stanby for the QRP. Cool.

Ed Kwik AB8DF

Date: Sun, 13 Jun 1999 02:21:25 GMT
From: n6jpa@qsl.net (Keith)
To: qrp-1@Lehigh.EDU
Subject: [42593] Far Circuits?
Message-ID: <376d1588.3700820@192.108.254.43>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi.=20
I have attempted to reach the Far Circuits web site at:
www.cl.ais.net/farcir/battery1.htm
I receive unable to connect messages, I even tried reverse DNS. Does = anyone
know if Far Circuits is still in business and if they have a new web = site?

73,

Keith

--=20

Best Regards,

Keith

<http://www.teleport.com/~kew> www.teleport.com/~kew/ham_swl_radio/

Date: Sat, 12 Jun 1999 21:55:53 -0500
From: "Craig B. Johnson" <johns516@maroon.tc.umn.edu>
To: <qrp-l@lehigh.edu>
Subject: [42594] Books for kids
Message-ID: <001601beb548\$4a195700\$0101a8c0@cbj-pentium>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP'ers,

I read the posts about kids in amateur radio and realized I need to make a plug for my favorite ham radio adventure book series which I don't see plugged very often.

I would like to heartily recommend the book series by the late Walker Tompkins, K6ATX, now published by the ARRL. The six book series is as follows:

SOS At Midnight
CQ Ghost Ship
DX Brings Danger
Death Valley QTH
Grand Canyon QSO
Murder By QRM

I suggest you give these books to any youngster who may be interested in ham radio. The books really should read in this order.

Walker Tompkins (SK in 1988) was an incredible word smith; his wonderful vocabulary and ability to paint word pictures was very unusual. He wrote

very exciting, mystery adventures that will capture young and old alike. The stories take place near his home location of Santa Barbara, California, and other locations along the West Coast that Walker knew well, being a newspaper columnist there. All adventures involve ham radio and portray it in a very natural and fun manner. The main character, Tommy Rockford, K6ATX, was a high school senior.

I originally read the first three books when I was in about 6th grade, back in about 1961. The last three were written in the 1985 timeframe. I was so enthralled by these three books, I practically memorized them! They have been updated slightly when they were republished, updating the rigs of the main character, Tommy Rockford, K6ATX, from a Heathkit DX-35 in his car to an unnamed transistorized transceiver, and a DX-100 at home to a HW-5400. However, most of the words and phrases are still exactly as I remembered them in the original books.

My wife and I read these books aloud to our family, with kids age 9, 11, and 13. They absolutely loved them, and literally begged us to keep going. This also gave me opportunities to further explain some of the ham radio jargon and finer technical nuances. Soon after reading the series, two of my kids decided they wanted to get their licenses, so the three of us did so. (I had a 20-year license lapse, from 1975 to 1995.) My son got his Novice at age 10, and my daughter at age 14. A short time later they both upgraded to Tech Plus. I went from start to Extra in 5 weeks.

I can honestly say that these books were instrumental my getting a Novice license in 1964 (age 14) and my General in 1965. They sparked my interest that lead me to a career as an electrical engineer. The books were also a spark that ignited my kids interest in ham radio. Who knows where it may take them in the future.

Give these books to a boy or girl that you love!

73,
Craig, AA0ZZ

Date: Sat, 12 Jun 1999 20:47:10 CDT
From: James R Giammanco <n5ib@juno.com>
To: qrp-1@Lehigh.edu
Subject: [42595] Laser QRP (might be dupe msg)
Message-ID: <19990612.204732.7519.1.N5IB@juno.com>

My apologies if this is a dupe, gang, I'm not sure my system didn't hiccup and fail to send it earlier.....

Some time back there was a post about modulating the power input to a laser pointer to produce AM lightwave communications. Just tried it out a few moments ago - crudely. Used a RS 1K - 8 ohm audio transformer to couple the headphone output of my TS-430 to the 3 V supply for the pointer. Put the low Z winding in series with the battery and connected the Hi Z to the radio (actually tried both ways, this worked best) For a detector used a plain old 2 x 4 cm photovoltaic cell connected to a RS audio amp/spkr. Worked OK across the room, about 30 ft, with plenty more seemingly possible.

Now, I want to do this as part of a summer workshop for science (physics, physical science, and astronomy) teachers we're doing here at LSU. What I've got seems OK, but does anyone on the network here have suggestions, references to look up, a URL to visit, etc?? It would be "cool" to transmit across campus with a laser pen... key factor here is "cheap" stuff that you could reasonably expect a teacher to scrounge up - as you know school science budgets are woeful.

I think this qualifies as QRP since the output is mW level, but of course the transmitting "antenna" gain (directivity) over an isotropic source (dbi) is phenomenal...

72

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 12 Jun 1999 11:30:23 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L@LEHIGH.EDU
Subject: [42596] RE: FIELD DAY 1999
Message-ID: <3762A73F.66EE3F82@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don and Gangue:

I like the idea of beginning the set up at the crack of the gun at the contest start. I will be operating as W5VB0/VE6 this year as my wife and I will have our RV in Banff, Alberta. I wonder if there might be any other QRP folks in that area who might be taking a breather from that fantastic scenery to do a QRP FD? I usually operate alone, but with a call like "W5VB0/VE6" I'm not looking to break any records this year. We will be in one of the local campgrounds, not sure which one yet.

As I get older (pre-baby-bommer), the idea of staying up all hours on a noisy 40 or 80M band seems not quite as attractive as spending the last few hours running a few nice strings on 15 or 10M in the light of day. That's one reason why I like to initiate the set up at the beginning of the contest.

If any Banff area QRP type folks would want to get together, please send an E-MAIL. I'll have 2M/E-MAIL etc. on board so we should have no trouble finding each other.

Brian W5VB0
Az ScQRPions

Date: Sat, 12 Jun 1999 19:22:14 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [42597] Re: AL7FS - May be a good day for HF
Message-ID: <376323E6.BC247581@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Larsen AL7FS wrote:

>

> Based on this info, it may be a good day for me to operate HF, CW.

--

Well, not so good although at about 0100Z I did work W9SUL/QRP down around 14.038-40 and NU6U/QRP around 14.060. I was running the OHR Spirit at about 2.5 watts output on the OHR WM-2 into my KLM KT34A beam at 40 feet. W9SUL was on a low dipole and NU6U was on a vertical... both at 5 watts.

Maybe tomorrow.

73, Jim Larsen

<http://www.qsl.net/al7fs/>

AL7FS - Anchorage, Alaska
mailto:al7fs@qsl.net

Date: Sat, 12 Jun 1999 22:30:47 -0700
From: "Kelly" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [42598] QRP on TS570, IC746, FT-920
Message-ID: <199906130333.WAA07940@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

Am thinking about moving up to a radio with DSP. Either Knwood TS-570,
Icom IC-746,
or the FT-920. Just want to make sure these radios will still operate
the features at the 5 watt level.
Especially wondering about the Automatic tuners at 5 watts. Any comments?
I Have a lead on a
TS-570S/G model - Anyone using this radio for QRP? Would like better
filtering for weak signal CW work.

You guys always have the answers. Thanks,

Kelly Ellison - WB0WQS - Aurora, MO

Date: Sat, 12 Jun 1999 22:58:30 -0500
From: "Jerry Decker" <n5rv@hex.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [42599] Re: From San Jose,CA. to NJ in 2 Days the RHR Arrived.
Message-ID: <002e01beb551\$03eb8e20\$0201a8c0@jdecke>

Picked one up at HamCom. Sure am pleased myself! I did find that a 10uf 16v
electrolitic was missing (only got 5 instead of 6 as the BOM stated), but
that is not a big problem to find. Picked one up at the neighborhood Rat
Shack.

Got the front and back covers assembled and finding hard to pull myself away
to go to bed, HIHI. I made a little snafu on bending the leads on the RIT
control and broke one of the leads off, but with a little magic, I
recovered.

Heck of a kit they put together here. Just getting all excited about putting it on the air. I have not had this feeling since I was a novice over 22 years ago. If I were to Thank Dave and the whole team for one thing, it would be to Thank them for giving me back the excitement of Ham Radio.

72, 73 de Jerry N5RV

----- Original Message -----

From: <RangerSF5@aol.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Saturday, June 12, 1999 2:45 PM

Subject: From San Jose,CA. to NJ in 2 Days the RHR Arrived.

> Hi Gang,
> I received the RED *HOT* RIG today.
> I'm going to tell you Guy's something.
> This kit is a MASTER PIECE WORK OF ART.
> Looking right through the sealed plastic bags,you can tell the parts are
of
> top quality.
> The color bands on the resistors stand right out.
> The PC board is another work of art.
> The print on the board is small but in white letters,the markings jump
right
> out at you.
> The red case
> ,if you think it looks good on the web site,it looks ten times better
sitting
> in front of you.
> Dave and his wife did a superior job of kitting the RHR.
> Dave even tossed in the small allen wrench for the control knobs.
> I'm in no way connected with Dave or Nor-Cal.
> I'm just telling it like it is.
> This kit has to be due for some kind of award.
> You don't have to be an electronic engineer to see that a lot of R & R
went
> into the design of the *R H R*.
> If you didn't order one yet,you should because I just have that feeling
that
> you won't be seeing any used ones for sale.
> Also you NEW hams that never built a kit.
> Don't let the parts count of the RHR turn you away.
> I just looked over the manual and it's VERY,VERY WELL WRITTEN.
> No wires,everything on the board and go by the manual 1 part at a time and
> take you't time.
> You can't beat the price of \$135.00 for a rig like the RHR.
> Many thanks to all involved who put in hundreds of hours of R&R on you'r

time

> so that we QRP'ers may continue to enjoy our love of CW with a superior QRP
> rig.
> This letter is not intended in anyway to put down any other QRP rigs out
> there today.
> I have built them all.
> I just feel that with a 300+ parts count and the design of the RHR puts it
in
> a class by itself
> Bob
> WA2HOQrp <tm>

Date: Sat, 12 Jun 1999 21:28:57 -0700 (PDT)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [42600] HAMCOM AFTER ACTION REPORT (BDA)
Message-ID: <19990613042857.15640.rocketmail@web204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, I just got home from a fuullllllllllll day at HAMCOM and just wanted everyone to know what a great time I had. This was by far the best HAMCOM I've ever been too, primarily because of the great time of socializing and talking shop that we all had with all the the QRP'ers.

Thanks to Joe and Barb and Doc who did most of the dirty leg work getting things all set up and ready. George, Tony, and Graham: thanks for your presence from G-QRP. Sure glad you weren't offended by our occasional humer at your expense.

Thanks to QRP-ARCI (I refuse to use the acronym "Arckie". Around this part of Texas that denotes one from Arkansas.) for the t-shirt I won at supper last night, and to Vern, W6MMA, for the 80-meter SLV I won tonight. Hey, I promise I'll never belly ache again about never winning anything.

Next year will be bigger and better again. And Doug, see if you can get it working by then, will you?

72's es 73's,

Brad, W5CGH

===

Brad Bradfield, PE W5CGH Systems Engineer
(ex WB0CGH) Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377 SMIRK #4906
ARS #72 Austin QRP Club #e

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sat, 12 Jun 1999 23:08:47 -0500 (CDT)
From: Adrian Weiss <aweiss@usd.edu>
To: Rumen Stefanov <lz2rs@mbox.digsys.bg>
Cc: qrp-l@lehigh.edu
Subject: [42601] Re: Hi W0RSP de LZ2RS
Message-ID: <Pine.SOL.4.03.9906122240540.28876-100000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello my friend Rumi!

I am very happy that you are doing so well with QRP now
that you know how easy it is to work QRP!

Our 20m QSO on May 20 was the greatest -- I will always remember
it since I was portable in PA with only a vertical. It was
very exciting to hear you drop first to 5w, then 1w, then
100mw and I could still copy you! Hard to believe that we had
a solid 45 minute QSO two-way QRP! I am going to answer you
questions down below in your letter...

On Thu, 10 Jun 1999, Rumen Stefanov wrote:

> From: Rumen Stefanov <lz2rs@mbox.digsys.bg>

> To: aweiss@usd.edu

> Subject: Hi W0RSP

>

>

> Dear Ade,

>

> Looks like I started work 99 % only with QRP,since our FB QRP QSO.I am
> reading the book and it is a great pleasure for me!I have worked some US

> stations with QRP,also today on 15 m band I tryed QSO with W6RFF,
> Jettie,Ham for 60 Years and We 've had a nice chat with 5 W,later 1 W and
> He got my 300 mW power with R5 but S0,under the noise level.But still He
> got 300mW,which is good!

Boy, you sure are getting out with milliwatts! That is very impressive!
Some QRP'rs try to work DXCC or WAS with milliwatts. Maybe that
will be a goal for you later -- but first, DXCC with regular QRP
will be fine. Conditions will continue to improve in the next
couple of years and make QRP DX much easier. Just in this past
9 months, it has improved a great deal. I now have 78 countries
worked on 30m!! Very difficult to work EU from SD on 30m. But when
I was in PA, it was very easy. On May 21 I worked 19 EU stns on
30m, then again on May 24 I worked another 19!! This is incredible
for me! In SD, I never even hear 19 EU in one night. From PA, the
usual night was 8-10 EU on 30m. Believe it or not, I also worked
VK6HQ and ZL1CH from PA. I only had my SLV vertical with 17 radials
for an antenna. Here in SD, I phase 2 SLV verticals pointed at EU,
but still it is very difficult with QRP. Now the summer QRN is
here and makes it worse!

But just tonight, I worked HB9BQR just barely. In PA, we set up
a sked for 0300 Sundays so he could work SD on 30m. Last week
I could hear him, but I was too weak. I put up my vertical, and
tonight he could hear me enough for a QSO. Next wekk I hope to
have my 2nd vertical up. Then we'll be better.

When I was in PA, I worked 31 countries on 30m in about 12 days. It
was very exciting. I must mve to the east coast so I can work
the DX so easy!

> Two days ago I got very good CONDX on 6 m band and I worked about 70 QSO
> with EU stations,most F, G ,PA, I ,DL ,ON ,OZ e.t.c.CW/SSB with 2 Watts
> out and a 3 el Home made Yagi,but from 2000 feet high place a.s.l.

WOW! On 6m! This is fantastic! This is a real QRP record. Here in the
US, not much QRP activity on 6m.

By the way, the QRP calling frequencies are 7040, and 60kHz up on
the other hf bands (3560, 14060 etc.) Many US QRP'rs listen and
call CQ QRP on those frequencies. When you get on the air, try
calling CQ QRP US and maybe we'll hear you!

> I forgot my PA 300 Watts,probably I'll throw it in the cellar ... Hi.
HI -- sell it!

I go

> on most with QRP and I intend work for DXCC QRP, but I need any DXCC
> List, also for WAS List for QRP.

I will try to send you both lists. the ARRL WEB site has the official
DXCC list if you can surf the WEB. I think it is at ARRL.ORG.

Some time the QRP Stations ask me about QRP
> Number, but I have not it, what is the way I get it?

It is the number that you get when you join the QRP ARCI, i.e.
QRP Amateur Radio Club International. I will send you call/name
to the QRP ARCI and you should hear from the club -- maybe not
for weeks with slow mail etc.

Also FISTS Nr ? This is the FISTS CW Club. It is joined by
CW operators. They also have calling frequencies near to the
QRP frequencies. Maybe someone on the qrp-l can tell you how
to join FISTS.

Maybe you will like to join the Internet QRP Club? About
2500-3000 QRP'rs are members. Everyday, many messages are
posted about all aspects of QRP. To join, send an e-mail
message with no subject to:

LISTSERV@LEGHIGH.EDU

In the body of the message, put the line

SUBSCRIBE QRP-L RUMI STEFANOV LZ2RS

Nothing else. When the LISTSERV confirms that you
have been added to the list, it is a good idea to
send the message

SET QRP-L DIGEST

Then you will get just one 150K message per day with all the
postings in it.

> I am looking to buy some QRP CW station, second hand RIG, but good
> one, what I have to do, here there is not QRP sts yet. I have saved about \$100
> for it, I will make power supply home made.

> OK, give me some advices dear Ade please, I will appreciate it really!

> Look for me on 21060 and 14060 +-3 khz about 03.00 to 04.30 UTC.
OK Rumi -- I will alert the QRP gang on the qrp-l to look for you.

Also You

> can say any QRG and Time for SKED with You,Do You like?
> Have a nice day,many QRP DX,
> 73, Rumi LZ2RS/QRP
> p.s. Do You know the number of the Solar flux,as I heard the best CONDX
> June is 11 to 13 .

Anyone have it to forward to Rumi?

> -----
> Rumen Stefanov
>

Enjoy your QRP'ing Rumi!

72 (QRP'rs are smaller, so 72 instead of 73!)

Ade W0RSP

Date: Sat, 12 Jun 1999 23:48:20 -0500
From: guillotstutoring@juno.com
To: qrp-l@Lehigh.EDU
Subject: [42602] Re: Books for kids
Message-ID: <19990612.234821.-932691.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The ARRL does not list these books in their current advertising. You have to ask for them.

Ed Guillot, N5ED
New Orleans, LA
qrp-l#1951, qrparci#3988
ARRL(life)

On Sat, 12 Jun 1999 21:55:53 -0500 "Craig B. Johnson"
<johns516@maroon.tc.umn.edu> writes:
>QRP'ers,
>
>I read the posts about kids in amateur radio and realized I need
>to make a plug for my favorite ham radio adventure book series which
>I don't see plugged very often.
>
>I would like to heartily recommend the book series by the late
>Walker Tompkins, K6ATX, now published by the ARRL. The six book

>series is as follows:

>

> SOS At Midnight
> CQ Ghost Ship
> DX Brings Danger
> Death Valley QTH
> Grand Canyon QSO
> Murder By QRM

>

>I suggest you give these books to any youngster who may be interested
>in ham radio. The books really should read in this order.

>

>Give these books to a boy or girl that you love!

>

>73,

>Craig, AA0ZZ

>

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Date: Sun, 13 Jun 1999 02:03:50 -0400

From: "Ed Tanton" <n4xy@att.net>

To: <n6jpa@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [42603] RE: Far Circuits?

Message-ID: <015001beb562\$820f8430\$01010101@n4xy>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Uh Oh! I get the same thing. That may be the second one today. I left out QRP-L on this announcement: earlier tonight I learned R & R Designs, the supplier of vintage original-color paint(s) and other neat boatanchor stuff is closing. Announcement said they were negotiating with another company... but who knows. As for FAR, until we try a landline, there's no telling... and I'm not calling 'em at 2 AM (actually, I would, if I had the phone nr handy... so the truth is, I'm too sleepy to try and find their nr right now. It COULD be they just changed ISPs and didn't leave a forwarding addr, and it COULD be their ISP is simply down... but-these days-it's ominous.

Date: Sun, 13 Jun 1999 16:09:30 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [42604] Interesting design shareware
Message-ID: <37634B1A.483A1CE3@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Thanks for all the replies. If you downloaded Easytrax - freeware then enjoy.

For all the suggestions for low cost schematic drawing I settled on Capilano's DesignWorks Lite at 39.95.

<http://www.capilano.com>

Haven't bothered doing a design and printing out yet but I have done a simple design - copied - pasted to Paint Shop - saved as .gif - touched up and now appears (by request today) as

http://www.integritynet.com.au/~purdic/crystal_set.htm

Check it out and let me know what you think

73's

Ian

Date: Sun, 13 Jun 1999 02:13:31 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <kennfd@snet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [42605] RE: DSW-40 QSOs
Message-ID: <015101beb563\$dc3197e0\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks Ken... the G5RV I'm using is really a fairly good dummy load... too

low, etc. I ought to improve things somewhat when I put up the HyGain Vert I have had for several years-new-sitting in my storage place. I am FINALLY going to put it on a 15 ft tripod, starting at perhaps 20 ft, and use a 15ft heavy duty mast, for a base height of 45-50 feet. Gonna do that within the next few days.

Anyway, thanks for the comments... it's a great little rig. I'm 3 pages away from finishing my K2, and thats going to be the main occupation here for the next few days... and the HyGain ought to be highly useful for that as well.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770) 971-0436

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

~~~~~  
Time flies like an arrow. Fruit flies like a banana.  
... Groucho Marx  
~~~~~

Date: Sun, 13 Jun 1999 00:45:56 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <nwq-l@scn.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [42606] Updated Field Day Listings & words to the wise
Message-ID: <002001beb570\$c5f847a0\$a2b5ded1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Group(s) -

I have added a few more QRP Field Day listings on my web page - so feel free to check it out at your leisure. There is still time to have your QRP Club listed - if I have to, I can always add another page (ha ha!).

As far as the NorthWest QRP Club goes, we just had another person say there were joining to join us...so if everyone shows up, we could just about have out largest group ever - 9 people!

Message To Field Day Grand Pooba's

I have learned over the years, that people cancel at the last minute (for various reasons)...so if you happen to be the Grand Pooba of your particular QRP Field Day operation, don't freak out if people cancel. Also, remember to take time to relax, don't sweat the small stuff, and realize that Field Day is supposed to be "fun" and NOT a contest. It also helps to delegate authority whenever possible.

Lessons Learned

One Field Day that I will never forget found me in the middle of stringing up lines in trees (for some "monster" antenna) - - three hours after the contest had already begun. I had been working on putting the Field Day site together - tents, antennas, signs, etc. since 7 AM that Saturday morning. I finally became dead tired, and went home and took a three hour nap.

When I returned to the Field Day site...I discovered that everything was going along just fine without ME being in charge. A sobering experience indeed.

Ever since then, I have concentrated on the "fun & fellowship" aspect of Field Day, and the result has been more FUN! Heck, I even forgot to turn in our Log to the ARRL last year. Someone else WILL be in charge of mailing off our logs THIS year <grin>.

CUL, Bill-N7MFB

<http://www.willapabay.org/~bill>

ICQ @ 8926298

Date: Sat, 12 Jun 1999 20:47:19 EDT
From: Victor E Turner <victnr@juno.com>
To: k7gt@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [42607] Re: Cuddly CW!
Message-ID: <19990612.194358.7271.1.Victnr@juno.com>

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Date: Sun, 13 Jun 1999 07:47:21 +0000
From: Goran Hosinsky <hosinsky@jet.es>

To: qrp-1@lehigh.edu
Subject: [42608] "What's on" propagation?
Message-ID: <37636209.3A557C0F@jet.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

One upon a time when the computer in a ham shack would be a Sinclair Z81

or a Spectrum/Timex there was a propagation program "What's on",
probably
based on the Minumuf engine. This program displayed, in prefix form, how
the different bands were open to the different part of the world.

This was for me a very useful way of seeing propagation. It would tell
me where
turn the beam for a possible opening to an interesting area, or to
switch band,
or say me "now would be a good moment to switch on the radio"

Modern propagation programs are much better in predictions but they all
seem to be setup for calculating one specific path that you specify, not
to
give you a general idea about the openings to different part of the
world.

Is there any program today for the PC that displays this general
propagation
situation? With the present graphical possibilities such a program could
be
made with a very nice presentation.

Saludos
Goran ea8yu

Date: Sat, 12 Jun 1999 20:47:19 EDT
From: Victor E Turner <victnr@juno.com>
To: k7gt@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [42609] Re: Cuddly CW!

Message-ID: <19990612.194358.7271.0.Victnr@juno.com>

Alan:

I also ran the gauntlet of the cw test in that Battery St. FCC office in the early 70's. I remember the high wooden table and chairs with the straight keys screwed to the top of the table. A friend of mine brought his military key, on of those things that had a clamp that went around your leg. He used it during his sending test. That used to be what the FCC called reasonable accomidations Ha ! Believe it or not he and I passed our 13 wpm; the only ones in the entire room. (I was so nervous I didn't even count how many didn't pass) It was serious stuff. That same day I took my code test, general and advanced theory and First class radiotelephone. I still remember the sound of that tape playing the practice v's I went down th SF with a bunch of guys who only went for their radiotelephone exams. It was a quiet ride home!. Thanks, Alan for a Ham memory.

Vic Turner/WA6EIW

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Date: Sun, 13 Jun 1999 10:05:17 GMT
From: n6jpa@qsl.net (Keith)
To: qrp-l@Lehigh.EDU
Subject: [42610] Re: "What's on" propagation?
Message-ID: <3763823e.726787@192.108.254.43>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Sun, 13 Jun 1999 07:47:21 +0000, you wrote:

>Is there any program today for the PC that displays this general
>propagation
>situation? With the present graphical possibilities such a program could
>be
>made with a very nice presentation.

The only program I know of is called SWLogit. Make sure you only download=
the=20
DOS version ,because the author does not support his WIN95/98 version at =
all.

The WIN95/98 version is crippled from the time you download it and the =
author
says he is too busy to work on the program.=20
here is the URL for the Dos version. I tried to register the program,
but the author never cashed my check and I never received a registration =
key.
However it has an excellent MUF/LUF display that is based on WWV data.

--=20
Best Regards,

Keith

<http://www.teleport.com/~kew> www.teleport.com/~kew/pgp/

"No one shall be subjected to arbitrary interference with his privacy,
family, home or correspondence, nor to attacks upon his honour and=20
reputation. Everyone has the right to the protection of the law against
such interference or attacks." - Universal Declaration of Human Rights =20

Date: Sat, 12 Jun 1999 23:29:25 -0400
From: "Jean Jibouleau" <jiboulj@globetrotter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [42611] Re: Interesting software
Message-ID: <000101beb58e\$1d6081c0\$2190a98e@n8w8k5>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello all of you,
I have been following this discussion with great interest.
Maybe there are some of you that don't know "Circuit Maker". With this
program one can draw schematic and make Winspice calculation. I am new to
this software and I don't understand everything but the Student version is
free and it has enough power for what could come to my mind.
Here is the url : <http://www.microcode.com/DEMOS.HTM>

Maybe you could also look at another software. It is called ExpressPCB. You
can find it at <http://www.expresspcb.com>
This is a very simple program but it gets the work done.

You also look at the page

<http://www.geocities.com/SiliconValley/Station/6369/links/electr/software.html#analysis>

this is a collection of interesting software.

72/73 to all of you.

Jean VE2GHI

Date: Sun, 13 Jun 1999 07:32:14 EDT
From: WB9MII@aol.com
To: QRP-L@lehigh.edu
Subject: [42612] QRP DX with indoor antenna....it's possible
Message-ID: <28089cf2.2494f0be@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy friends,
At about midnite local time today I worked S51ZY on 20CW. I was 449 and he was 559 here (near Chicago). This is nothing exotic I realize...but the contact was made with (at my end): a TT Century 21 at 5 watts and an indoor 34 ft Zepp fed with ladder line. The antenna could be reached for and grabbed...it isn't in an attic because I don't have one. Much of this is due to the feller's ears on the other end. Anyhow just wanted to pass that on. I'm sure there are many living in condo's or apartments , or other places with antenna restrictions. It can be done.....72/73

Greg WB9MII
QRP ARCI 9719

Date: Sun, 13 Jun 1999 08:53:50 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@LEHIGH.EDU
Subject: [42613] Circuit SImulation Software (and schematic drawing too)
Message-ID: <3763A9DE.80B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For about the last 9 months the readers of QRP Quarterly have been treated to a series of review articles by yours truly dealing with Circuit Simulation software. All circuit simulators include schematic drawing software too, except for ARRL's Radio Designer, which is a true SPICE based simulator. To date I have reviewed the following"

ARRL's ARD
MicroSimV
Electronics Workbench
CircuitMaker PRO

In the next issue I will be looking at the circuit board layout software that comes with some of these. I have also reviewed several Electronics Teaching Aids. These are:

Electronic Circuits
Analogue Circuits
Analogue Electronics
PIC Tutor

In general I have found all of them to be of very high quality and well worth the price of admission. One thing has me puzzled, though - why are almost all of these written and supported by either British or Canadian companies?

Back copies of QRP Quarterly are available from Danny Gingell, K3TKS, at 3052 Fairland Road, Silver Spring, MD 20904.

73

Date: Sun, 13 Jun 1999 08:10:41 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [42614] Soldier Wick?
Message-ID: <000301beb5a6\$87ccd820\$7ba8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone used "unfluxed" soldier wick successfully?

I've several rolls of the unfluxed stuff in different sizes, but they do not even come close to the single roll of fluxed wick I have. Seems there's a vast difference between the two. The fluxed type seems to

start wicking up soldier upon contact once heated! Where as the unfluxed waits till I've heated the PC pad/trace to the point of destruction and even then it's wicking action is marginal!!

My question is where can I find more of the good "fluxed" variety? And of what use is the unfluxed good for? ...besides grounding straps? Or am I missing something?

Steve/n0tu

Date: Sun, 13 Jun 1999 10:26:10 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "Joseph Trombino Jr" <joebarb@wilmington.net>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [42615] Oscilloscope Source
Message-ID: <003e01beb5a8\$af833f60\$ae0b61d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>> The name that kept coming to the forefront was Lew Coppes of Tucson, AZ.
>>I decided to send him some e-mail about my particular needs. He replied
>>within a matter of hours (how is that for service) with his recommendations.
>>I called and talked with him on the phone this morning and placed an order
>>(what a great person!).
>>
>>Hello Frank: I'll bet there are a bunch of the QRP-L ops (myself >included) who would love to have the email address/WEB page of Lew >Coppes...perhaps you could post it to the QRP-L for us.
>
> Regards, Joe W2KJ

Joe,

Lew Coppes may be reached via lcoppes@primenet.com or (520) 749-8471...Tucson, AZ

He also has other equipment.

Date: Sun, 13 Jun 1999 09:31:44 -0500
From: George F Franklin <w0av@juno.com>
To: n0tu@webaccess.net
Cc: qrp-l@Lehigh.EDU
Subject: [42616] Re: Soldier Wick?
Message-ID: <19990613.093145.-72565.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Steve,

I had the same experience with a couple of rolls of R-S solder wick several years ago, and ended up using it for grounding straps, etc. Without flux it is more or less worthless.

I did use some non-corrosive past flux with it and it worked after a fashion, but it was more trouble than it was worth.

The current R-S solder wick seems to be OK. I suppose they simply were sold a bad batch back when I had my little problem

In defense of R-S, the current R-S solder wick works better (for me) than my \$400.00 Weller vacuum desoldering station!

72 de George/W0AV

Date: Sun, 13 Jun 1999 09:05:10 -0600
From: Roy <marion@montana.com>
To: n0tu@webaccess.net
Cc: QRP-L@lehigh.edu
Subject: [42617] Re: Soldier Wick?
Message-ID: <199906131510.JAA19904@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:10 AM 6/13/99 -0600, you wrote:
>Has anyone used "unfluxed" soldier wick successfully?

>

As you found out the unfluxed variety is almost worthless. Having been a repair tech for some 25 years, I have done LOTS of desoldering. I have found that the unfluxed variety works poorly or not at all, even if you dip in some flux. Chemtronics is excellent. I use it exclusively and have found no other brand that works as well. But its expensive. People who have phobias about desoldering will be helped by some good solderwick. Everyday I replace ICs with as many as 128 pins with no problems. I do require a lighted magnifier these days, however. :) 72\73 Roy AB7CE

Date: Sun, 13 Jun 1999 08:11:36 -0800
From: " Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [42618] Announcement from Adventure Radio Society
Message-ID: <199906131451.HAA10913@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The Adventure Radio Society is pleased to announce the establishment of the ARS QRP Lab. During the last six months we have been quietly putting together a full-featured lab for testing QRP HF equipment. We have now reached the point at which the lab is essentially equivalent to the lab at the ARRL. All of the major equipment has been professionally tested and calibrated. We have been running the Lab through its paces and developing web-based presentation materials.

The ARS QRP Lab will be fully described in the July issue of the ARS Sojourner. Our first test results will be published in the August issue of the Sojourner. All test results will be archived in the Sojourner.

We want the Lab to be an important educational tool for all of us interested in low power radio. To that end, we've been working on graphically-oriented presentations that we hope will be easier to read and understand than the usual tabular listings of test data.

We would also like the Lab to be responsive to the interests and expertise of the QRP community. The Sojourner will include an automated feedback page to make it easy for you to give us your comments and corrections.

Finally, we believe it is important for the Lab support the magnificent designers who have chosen low power radio as their area of concentration. We are lucky to have them. We want to operate the Lab in a collaborative, cooperative manner that encourages QRP designers to stay with the field and

do even better things in the future.

Here is a summary of equipment currently in the Lab:

Two HP 8640B signal generators

Tektronix TDS 380 oscilloscope (400 MHz bandwidth, hard copy and diskette data output, with fast Fourier transforms, used to assess signals in both the time and frequency domains)

HP 3400A true RMS AF voltmeter

SSB Electronics PM 1300A RF power meter, DC to 1.5 GHz, 20 mW to 20W

HP 334A Distortion Analyzer

Two Tenma calibrated audio generators

Ten-Tek Argonaut II QRP transceiver

Calibrated noise source (William Sabin design)

Narda and Pasternak step attenuators

Mini-Circuits power splitter

Russ Carpenter, AA7QU
for Adventure Radio Society

Date: Sun, 13 Jun 1999 09:24:21 -0600

From: "Rod Cerkoney" <rcw@frii.com>

To: <WB9MII@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [42619] Indoor Antennas: WAS: QRP DX with indoor antenna....it's possible

Message-ID: <002e01beb5b0\$ee3254a0\$668611d8@compaq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hello:

----- Original Message -----

From: <WB9MII@aol.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Sunday, June 13, 1999 5:32 AM
Subject: QRP DX with indoor antenna....it's possible

> Howdy friends,
> At about midnite local time today I worked S51ZY on 20CW. I was 449 and
he
> was 559 here (near Chicago). This is nothing exotic I realize...but the
> contact was made with (at my end): a TT Century 21 at 5 watts and an
indoor
> 34 ft Zepp fed with ladder line.

Congrats. Encouraging words for those of use with less than optimal QTH's.

I think it would be useful for those in similar situations to share their
experience, in a effort to accumulate a body of knowledge to draw from so
others can benefit. I'll even volunteer to collect an organize the info in
so useful way. So that said here is my story:

I just moved in to a one store new patio home, have restrictions, and put a
antenna in the attic just yesterday. (I had the builder use Batt insulation
to make working in the attic a little easier. This fall when attic temps
cool down, I'll put in a catwalk to make navigation easier.) Anyway I can
hear things, the antenna loads, haven't QSO'ed yet, just too tired after the
moving, unpacking...etc.

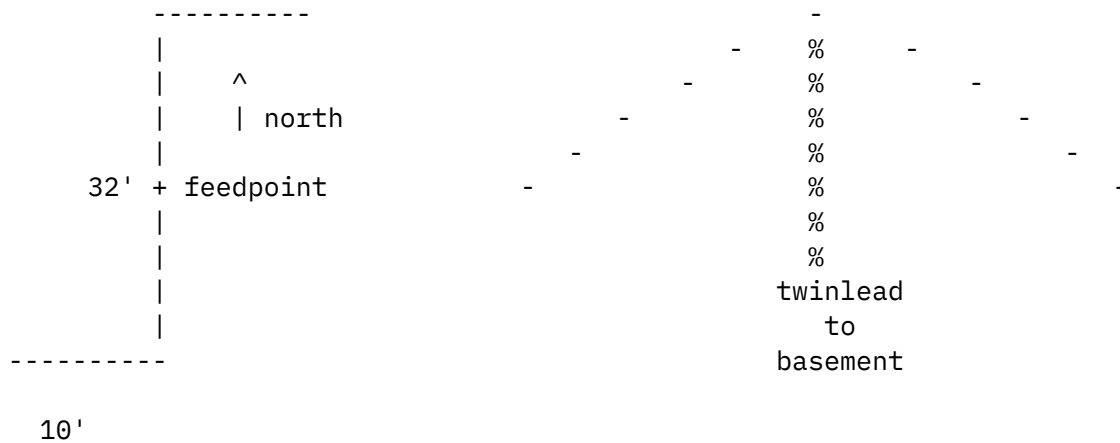
I put up a twinlead fed doublet, the total radiator length is ~51ft,
dimension copied from the G5RV antenna design. the flattop portion is about
18ft above ground and about 32ft long. The remaining radiator length, about
10 ft on either side, angles downward from the roof peak. The end, via
insulator, is tacked to a roof joist about 10-12 feet from ground level. The
twinlead is led to the basement shack area through a wall cavity. The antenna
a rig are matched via MFJ tuner.

CAREFUL: I measured wrong and while drilling up from the basement almost
came up through the carpet! Motto here is measure twice drill first with a
small diameter drill bit. Check everything, then drill a bigger hole from
the transmission line. Also be mindful of AC power line when drilling into w
all cavities. It is probably a good, read SAFE, idea to kill house power
when drilling.

Here is an ascii drawing of the antenna:

TOP VIEW

END VIEW



I'll post performance data as I accumulate experience with this setup.

Questions I have are: Would I be better off with single band antennas? Would single band antennas be more efficient a get more power from the rig into and out of the attic. What precaution have others taken to minimize TV & phone interference with attic installations.

72,3 Rod, NØRC

 Date: Sun, 13 Jun 1999 11:40:56 -0400
 From: "John J. McDonough" <jjmcd@tm.net>
 To: <marion@montana.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [42620] Re: Soldier Wick?
 Message-ID: <002201beb5b3\$232a49e0\$010044c0@conor-mac-nessa>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

I have a number of different brands of solder wick, and the only one that seems to work at all is the RS stuff. (I feel almost guilty saying something like that!)

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
 didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 13 Jun 1999 11:45:14 -0400
From: "The one and only!" <mitch96@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [42621] circuit simulation soft ware...question
Message-ID: <3763D20A.2EDA3EE@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a question rolling around my head here..... a idle mind is a devil's workshop.
can you use one of these simulation software programs to troubleshoot a rig? if a certain frequency and voltage is suppose to be at a certain point, could you find these numbers by sticking the componets into the circut program and cranking it out? I have never used one of these programs so..... i was just wondering if this could be a trouble shooting tool??
--
mitch Ww4mL
Hollywood, Fla.

Date: Sun, 13 Jun 1999 11:45:40 -0400
From: "The one and only!" <mitch96@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [42622] circuit simulation soft ware...question
Message-ID: <3763D224.3E2C8497@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a question rolling around my head here..... a idle mind is a devil's workshop.
can you use one of these simulation software programs to troubleshoot a rig? if a certain frequency and voltage is suppose to be at a certain point, could you find these numbers by sticking the components into the circuit program and cranking it out? I have never used one of these programs so..... i was just wondering if this could be a trouble

shooting tool??

--

mitch Ww4mL

Hollywood, Fla.

Date: Sun, 13 Jun 1999 12:01:00 -0400
From: "Fred DeVries" <fred.devries@mindspring.com>
To: "Low Power List" <qrp-l@lehigh.edu>
Subject: [42623] Fw: Announcement from Adventure Radio Society
Message-ID: <004501beb5b5\$ef05df00\$b6b38ad1@fred.devries>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I received this from the Adventure Radio Society. I thought that some of you might be interested.

72,

Fred (KC8MMS)

-----Original Message-----

From: Russ Carpenter <russ@natworld.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, June 13, 1999 11:10 AM
Subject: Announcement from Adventure Radio Society

>The Adventure Radio Society is pleased to announce the establishment of the
>ARS QRP Lab. During the last six months we have been quietly putting
>together a full-featured lab for testing QRP HF equipment. We have now
>reached the point at which the lab is essentially equivalent to the lab at
>the ARRL. All of the major equipment has been professionally tested and
>calibrated. We have been running the Lab through its paces and developing
>web-based presentation materials.

>

>The ARS QRP Lab will be fully described in the July issue of the ARS
>Sojourner. Our first test results will be published in the August issue of
>the Sojourner. All test results will be archived in the Sojourner.

>

>We want the Lab to be an important educational tool for all of us
interested

>in low power radio. To that end, we've been working on graphically-oriented
>presentations that we hope will be easier to read and understand than the

>usual tabular listings of test data.
>
>We would also like the Lab to be responsive to the interests and expertise
>of the QRP community. The Sojourner will include an automated feedback page
>to make it easy for you to give us your comments and corrections.
>
>Finally, we believe it is important for the Lab support the magnificent
>designers who have chosen low power radio as their area of concentration.
We
>are lucky to have them. We want to operate the Lab in a collaborative,
>cooperative manner that encourages QRP designers to stay with the field and
>do even better things in the future.
>
>Here is a summary of equipment currently in the Lab:
>
>Two HP 8640B signal generators
>
>Tektronix TDS 380 oscilloscope (400 MHz bandwidth, hard copy and diskette
>data output, with fast Fourier transforms, used to assess signals in both
>the time and frequency domains)
>
>HP 3400A true RMS AF voltmeter
>
>SSB Electronics PM 1300A RF power meter, DC to 1.5 GHz, 20 mW to 20W
>
>HP 334A Distortion Analyzer
>
>Two Tenma calibrated audio generators
>
>Ten-Tek Argonaut II QRP transceiver
>
>Calibrated noise source (William Sabin design)
>
>Narda and Pasternak step attenuators
>
>Mini-Circuits power splitter
>
>Russ Carpenter, AA7QU
>for Adventure Radio Society

Date: Sun, 13 Jun 1999 12:16:58 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [42624] Re: QRP DX with indoor antenna....it's possible
Message-ID: <daba4767.2495337a@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 6/13/99 4:34:24 AM Pacific Daylight Time, WB9MII@aol.com writes:

<< Anyhow just wanted to pass that on.
I'm sure there are many living in condo's or apartments , or other places with antenna restrictions. It can be done.....72/73 >>

Hi Greg and all, I just had to chime in on this since i am a strong supporter of the system Greg mentioned.

I too run a TT C21 to a looped dipole on 20 and then i switch coax to my 15 meter "Horizontal U" for use on that band....both antennas are about 5 feet above my head (I know, Everett Koop would pimp slap me for that), so far i have had good success with it.

I used to run a pair of MFJ's for 20 and 40 to and indoor dipole at the bottom of the cycle....got my WAS and WAC with it!

I used this system when i lived up in Washington for the last year with very good results...so when i got back to Las Vegas i set up the same thing and have already logged a few new ones....94 countries so far. the last one being JT1DA in Ulanbaatar, Mongolia...before that was T22KJ in Tuvalu! and i love running in all the major contests just for kicks to challenge myself...theres nothing stopping me, hihi.

My point is this....just because you are a little gun doesnt mean you cant jump in there with the big boys and run with the pack...you just have to have patience and the ability to improvise...a little cockiness wouldnt hurt, as long as you get on the air with a smile on your face it will all be worthwhile.

Of course i wish for the big hilltop qth with the triple 200' towers loaded with monobanders....but theres always the future for that, im having fun in the meantime, its also a challenge.

In summary, I commend Greg and the many others who are faced with this kind of restriction and still have the love of ham radio enough to overcome it.

See you all on the air.

73...Adam, N7YA

Date: Sun, 13 Jun 1999 10:05:56 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [42625] Post-op boredom, interesting medication & waiting on a couple boxes
Message-ID: <19990613.100602.16798.0.nilsbull@juno.com>

Gang,

Those who have had abdominal surgery will understand. Except for them what "ain't got time to bleed." And the night before I go in for this repair, I come across an advert in Newsweek about some company that does hernia repairs with a new method that "puts you back on your feet quicker." Great. Now I find out about it!

I am not a easy sufferer. Just ask Cindy. She's got 25+ years experience watching me get sick and die.

Anyway, that much of it is over. I'm sitting sideways on the chair 'cause I can't sit down proper. There's a VLF transmitter project not even half-started on the bench. There's another half-built antenna bridge circuit laying in various conditions of doubt on top of the TR7's cabinetry. And some other antenna tuner stuff in another box, unstarted. To pick up the traveling radio box and drag it into the house would violate doctors' orders ("No lifting over 10 lbs for one week; no heavy lifting for six weeks.") But at least my battery is charged up & happy.

Even if I'm bored stiff (or scared stiff from reading "The Great Terror Revisited," about Stalin's 15 million dead) & wanna get back on the air.

I hope I can sit up straight normal before the K2s start going out (or arriving, whichever state we're in now).

Oh, yeah. I can't imagine what it must have felt like to catch a Viking broadsword across the gut . . . and survive. Or, as Beavis says: "Uh, huh-huh . . . ow."

73

Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

	V	L	P =3D	< 1 W	96	EA1EWG/p	2940	c
1	9A3FO	47360	abc		97	DL8GN	2877	bc
2	DL1JGA	34438	abc		98	DL8BEG	2794	ab
3	DL9SCO	31040	bc		99	PA2NJN	2717	ab
4	S53BH	20584	abc		100	DH0DK	2667	ab
5	DK4CU	17574	abc		101	OK1MGW	2666	c
6	DJ6ZF	15565	abc		102	DL4LCA	2660	b
7	SM5DQ	14706	abc		103	DF4FA	2583	abc
8	OK2BND	14410	abc		104	DL5ABJ	2457	bc
9	DK5MP	13776	abc		105	OZ5AEV/A	2346	ab
10	DJ6FO	13303	abc		106	DL1AXB	2262	c
11	HB9AYZ	11472	abc		107	IK2JET	2150	c
12	DL4TJ	9639	abc		108	DJ4VP	2115	b
13	SM6FPC	8568	c		109	DL9OE	2100	b
14	DL9QM	7854	abc		110	DL2BQD	2052	b
15	YU1LM	7200	c		111	DL5ANS	1925	ac
16	OH9VL	6444	c		112	DJ7RU	1842	abc
17	PA3BHK	5776	abc		113	UY2ZZ	1794	a
18	DF6MS	4960	bc		114	DK3BN	1782	bc
19	PA3FSC	4070	b		115	DK2TK	1748	abc
20	DK8SX	3267	c		116	YO4ATW	1558	c
21	OK1DEC	2616	a		117	DK9OY	1548	ab
22	G0TYV	2261	b		118	F5JDG	1536	b
23	DL7FZ	2088	abc		119	DL2RT	1395	ab
24	DF20F	2074	abc		120	G4WGR	1360	abc
25	DF1SE	1863	c		121	DF2IAG	1311	bc
26	PA3GQD	1547	b		122	DL6ABB	1278	a
27	OK2PRF	1312	a		123	DL3MBE	1275	abc
28	DL5KGW	1140	c		124	9A1CEI	1258	bc
29	I2JOE	1022	c		125	DL5FDW	1215	ab
30	DL7VTX	855	b		126	DL1JKA	1176	bc
31	DJ1ZB	828	c		127	DL7GW	1170	b
32	DJ2TK	728	b		128	OM3TPL	1152	b
33	DL4AC	672	b		129	DL7VPE	1106	ab
34	OK1FFK	525	c		130	DL3JRA	1104	a
35	DL9RM	496	b		131	DK5RY	1102	c
36	PA3BHH	490	ab		132	DL1JSO	1096	a
37	DJ7ST	450	a		133	DL1HRY	1092	b
38	DJ7RL	366	b		134	DL2FJ	1010	b
39	DL0SGN	350	b		135	PA0PFW	1008	b
40	DJ6TE	288	b		136	PA3ALM	988	abc
41	DJ5KZ	264	b		137	F6ABI	980	ab
42	DJ7RS	258	a		138	DF6MS	946	a
43	HB9BQB	240	c		139	DL7AQT	920	c
44	OK8JRM	216	b			DL7UWO	920	c
45	DL6CGC	204	a			TA4/DF2SJ	920	c
					142	DM5JBN	900	b

46	F5ZV	160	b	143	IK1XLE	896	c
47	IK6FPT	120	c	144	DJ8WV	858	ab
48	DK2ZA	48	b	145	DK3RED	846	c
49	SM0HPL	45	c	146	GW0VSW	795	bc
50	DK7BK	26	b	147	HB9AJP	686	ac
51	DL8ABH	8	a	148	PA0HRM	612	b
52	OK2PSA	4	a	149	DL3JGN	594	ac
					DL6AAF	594	ab
	Q	R	P =3D < 5 W	151	DL7UWE	544	b
				152	PA0RBO	480	abc
1	LY2FE	120637	abc	153	DF2MF/p	460	b
2	DJ9IE	101559	abc	154	DF0CF	455	b
3	DL0QRP	65520	abc		GU4YBW	455	ac
4	OK1GS	64124	abc	156	DF0ASG	440	b
5	DM5AA	61944	abc	157	DH0JAE	410	ab
6	OK1FKD	60378	abc	158	DL1DBO	392	abc
7	DF7IS	58292	abc	159	DF5WI	364	c
8	DK7QB	53136	abc	160	G4JZO	336	bc
9	OM3CUG	52960	abc	161	DL1GKE	296	ab
10	I1BAY	51134	abc	162	DL6PL	264	b
11	DJ5AA/p	44550	abc	163	DL20CK	246	b
12	DK6JK	41138	abc	164	DL3DCM	240	b
13	DJ3LR	34808	abc		HB9BQB	240	a
14	SM7BZV	30624	abc	166	G4FDC	204	b
15	DL9SXX	30024	abc	167	DL6SEH	192	ab
16	DL2YBF	28032	abc	168	EA5ADE	170	c
17	OK1FVD	27948	abc	169	DL0CES	96	b
18	DL4KUG	27328	ab	170	DL4GBR	75	b
19	DJ2GL	26640	abc	171	OE1TKW	72	c
20	DJ6NC	25872	b	172	DF0GIF	44	b
21	DJ3XG	25080	abc	173	DL4AKA	42	a
22	ON7CC	24986	abc	174	DL1AVD	26	a
23	DL1JDQ	21480	b	175	RA4NFA	24	a
24	IK0CNA	19129	bc	176	DL4HO	8	=
25	DL1LAW	17766	abc	CH	DK9EA		a
26	OH2JXA	17400	abc	CH	G8PG		abc
27	DF7QK	16813	abc	CH	DL1SMG		abc
28	EA1KC	16536	abc	n0	DL5CL		abc
29	DL9CE	16167	abc	n0	F5ROX		abc
30	PA0RDT	15920	ab	n0	OK1DVX		abc
31	DL80BC/A	15533	abc	n0	G4U0L		abc
32	DM3SWD	15390	abc	n0	DL5KMK		b
33	OK2BWJ	15300	abc	n0	DF4ZL		ab
34	DL6DSA	14965	ab	n0	OE8GBK/8		abc
35	DF3IR	14276	ab	n0	DL5MZ		ab
36	OE6WTD	14248	abc	n0	G3DNF		abc
37	DL1HTX	13448	abc	n0	DL1BEG		ab

38	OK2BTT	13288	ab	n0	G4ZME	b
39	PA3ASC	13145	abc	n0	DH2SK	a
40	DL4JLM	11844	b	n0	DL4MFH	bc
41	HB9RE	11520	abc	n0	DL8QS	a
42	HB9JBO	11472	abc	n0	F5ADH	b
43	DL9GTI	10575	bc	n0	OH1UP	=
44	DJ0GD	10560	bc			=
45	DL9LBQ	10251	abc			=
46	DL1ZQ	10127	abc		M P =3D < 20 W	=
47	HB9HQX	9625	abc			=
48	DM3XI	9408	b	1	UA3LPF	61364 abc
49	DL5JAN	9372	a	2	DJ6NS	54050 abc
50	PA0ATG	9164	bc	3	DJ3XK	53800 abc
51	DF7VX	8610	abc	4	DJ4SB	47128 abc
52	G3LHJ	8220	abc	5	YU7SF	34602 abc
53	DJ8EF	7656	abc	6	UY5TE	21320 abc
54	OH7QR	7480	abc	7	DF0IR	17871 abc
55	DL8MTG	7332	b	8	DJ8GR	17342 ab
56	DF20K	7144	abc	9	DK0SZ	15400 abc
57	OK1AIJ	7020	abc	10	SP4SKW	15386 abc
58	DK1WE	6916	b	11	DF1SZ	12576 abc
59	LX/DJ60Z	6897	bc	12	M0AEK	6407 abc
60	DL4GN	6840	abc	13	DL2ABH	5550 abc
61	DF1GN	6800	abc	14	DL4NSE	3720 bc
62	OK2KRT	6494	a	15	EU6AA	3564 ac
63	DK6AV	6360	abc	16	IT9GXE	3000 c
64	DK6AJ	6256	abc	17	DL6UBM	2668 abc
65	DF8DU	6090	abc	18	DL1SAN	2040 abc
66	G8IB	5985	abc	19	DH4NWG	1139 abc
67	DL1RTD	5632	b	20	DJ2GK	735 bc
68	DJ9EG	5513	abc	21	DL4RU	666 b
69	DL9HCW	5439	abc	22	LZ1FJ	384 bc
70	9A3ML	5301	ab	23	DL1MDY	8 a
71	OM7PY	5220	ac	CH	EA5CEC	c
72	DL6MHW	5187	ac	n0	DJ3XD	ab
73	DJ7JE	5060	b	n0	DL5NA	abc
74	DK5AN	4644	abc	n0	DL80BD	ab
75	DL8DWW	4600	ab	n0	OK1TJ	ab
76	DL3BCU	4536	abc	n0	DL3BZZ/p	ab
77	DL3MCI	4454	abc	n0	DF2HL	ac
78	OK1DSA	4393	b	n0	T94KM	c
79	DJ3KK	4392	ab			=

Checking: DH9YAT

Hpe cuagn in 6th ORIGINAL-QRP-CONTEST at 03/04-July-99

73/2 de "Hal", Hartmut, DJ7ST =

From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>

To: qrp-1@lehigh.edu
Subject: [42628] Re: Post-op boredom, interesting medication & waiting on a couple boxes
Message-ID: <19990613100900.A19793@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> Oh, yeah. I can't imagine what it must have felt like to catch a Viking
> broadsword across the gut . . . and survive. Or, as Beavis says: "Uh,
> huh-huh . . . ow."

That would be Butthead. Beavis laughs like, "Har, harharhahrhar! Oh
yeah..harh ahr har harhar....I forgot!"

But I digress.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Sun, 13 Jun 1999 13:09:01 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [42629] F.S. RS DSP40 and Autek QF1 Combo.
Message-ID: <004101beb5bf\$6f76f300\$371105d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The DSP40 was purchased new, have original box and manual, like new. The QF1 was purchased used and includes the original manual, works fine but the case is a 6 on a scale of 10.

US\$55.00, includes airmail insured to the lower 48 and top 10 (VE).

73 de Vince, VE3VFN.

Date: Sun, 13 Jun 1999 13:09:19 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>

To: Mike =?ISO-8859-1?Q?N=D8WDM ?= <michaelbstjames@email.msn.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [42630] Re: Ten Tec model 200 vfo
Message-ID: <Pine.OSF.3.95.990613130802.24052B-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Look here <<http://www.acs.oakland.edu/prvalko/tentec.htm>>

Vfo's are FAR too rich in harmonics (in fact, that's all they are!) to be used as a transmitter!

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

On Sat, 12 Jun 1999, Mike =?ISO-8859-1?Q?N=D8WDM ?= wrote:

> I bought this little vfo at a hamfest today. Ten Tec model 200. Question
> 1... anybody know what series of ten tecs it was designed for (I'm guessing
> a triton 1...) ? Question 2 anybody ever had any success using it as 5
> band qrp transmitter? thanks, mike in minnesota
>
>
>
>

Date: Sun, 13 Jun 1999 10:58:36 -0700
From: "Bill Todd" <bill@willapabay.org>
To: "Richard Kellner" <kellner@usa.acsys.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [42631] Re: Updated Field Day Listings
Message-ID: <000b01beb5c6\$5d04cba0\$84b5ded1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Bill,
>If all goes well, I will be operating FD from Johnston Island as

>W5RXP/KH3, the
>one person Johnston Atoll QRP Club (hi

Hi Rich...thanks for your listing.

I think I am gonna instantly resign my "Grand Poobaship" of the NW QRP Club
FD operation, and join you on Johnston Island. Anyone want the job?

CUL, Bill-N7MFB

Date: Sun, 13 Jun 1999 13:53:14 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [42632] Logger program and mailing list.
Message-ID: <001901beb5c5\$9d4e6d20\$1a3367d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Bob Furzer has released version 6.06a of logger, it is available at
<http://www.itis.net/golist/> .

There is a new mailing list for Logger and Bob is there with answers to your
questions. To subscribe send an e-mail, no subject or text required, to
logger-subscribe@egroups.com .

Logger is a FREE program.

73 de Vince, VE3VFN.

Date: Sun, 13 Jun 1999 14:18:57 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [42633] Norcal SST Keying
Message-ID: <00bd01beb5c9\$34b0ab80\$62768118@se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For the first time in nearly two years of use, I decided to look at the keyed wave-shaping on my Norcal SST with an oscilloscope and compare it against the Norcal 40A and Sierra. A Bird Model 43 together with a Bird 4273 coupler was used as my R.F. sample point. Supply voltage was maintained at +13.8 VDC. The 40A and Sierra show exceptionally good keying. However, the SST shows excellent keying on the leading edge, but a hard, unshaped trailing edge which generates a key click.

In reviewing the SST's schematic, I see little, if any wave-shaping components between J3, U4, and U5. I realize that the SST was designed as an exercise to extract the most performance with the fewest components possible. Has anyone else noted the same keying characteristics? Has anyone tried inserting a simple wave-shaping circuit to increase the trailing edge decay time? Thanks!

-Paul, W9AC

Date: Sun, 13 Jun 1999 16:51:17 -0400
From: "Jim Nestor" <nestoji@home.com>
To: <QRP-L@lehigh.edu>
Subject: [42634] SST on 16v
Message-ID: <002301beb5de\$7bb24380\$5c500218@cc652944-a.ewndsr1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Need some sage wisdom concerning a QRP trip.

Will be operating on 20m from Germany, France, and Holland from June 17 to July 1.

Have just enough room in my luggage for my SST-20, #26 dipole, HB tuner, etc..

The issue is a power supply. Here's the question, sort of. I have a power supply for my new IBM Thinkpad laptop which I will be taking since it's a business trip. The supply is rated at 110-240VAC input and 16v DC out at 3.38 amps. It even has the correct coaxial plug for the SST.

The specs for the SST are 10-16v. With no load, the IBM supply measures 16.36v. I connected the SST to the supply and nothing smoked (yet). Power output was about 2-.5 watts, the same as with a 13.8 supply. Key down, the voltage held at 16.36v.

Am I likely to fry the SST with 16.36v?

Next question: How can I reduce the voltage to a safe level? Can I add yet another regulator in the chain? There is probably a regulator of some sort in the IBM supply, and there is the 8v regulator in the SST. Can I insert something like a 7812 or LM-317T between them. Never tried to "re-regulate" a regulated AC supply before. Will it work?

All suggestions appreciated. I leave on Wednesday, so need to resolve this issue.

72,

Jim, WK8G
nestoji@home.com

Date: Sun, 13 Jun 1999 13:16:44 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [42635] AL7FS thought on CW speed and courtesy.
Message-ID: <37641FBC.5AC92121@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have been doing a little bit of operating today. I worked a JA4 on 15 meters and answered a 0-land/QRP CQ on 20 meters. Here's my thought for today.

I think the CQ-Operator came back to my call but since conditions were marginal with QRM I was not sure. Here is how I decided he did not answer my call.

He was calling CQ somewhere around 25+ wpm. That's just fine. I responded at around 18 wpm. When I went back to listen for him, copy was marginal with qrm but I thought he was answering me. His speed remained at the faster speed, however. If he had really been calling

me, the savvy operator would have slowed down. So either he was not calling me, or he did not know about the courtesy of slowing down to the other party's speed. If he had slowed down, I would have hung in there.

I turned the radio off. Maybe I will check later.

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>

Date: Sun, 13 Jun 1999 15:29:52 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [42636] Fw: Indoor Antennas: WAS: QRP DX with indoor antenna....it's possible
Message-ID: <19990613.152953.-3933363.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

<snipe>-

I think it would be useful for those in similar situations to share their experience, in a effort to accumulate a body of knowledge to draw from so others can benefit. I'll even volunteer to collect an organize the info in

so useful way. So that said here is my story:<snipe>

OK, here's my story:

Same thing, live in a condo community, no antenna's, no trees, patio is already bricked in, so no radials.

Only thing I got is the garage. Std 2 car, 21 X 22 feet. Open ceiling, peaked roof.

So I took 64 ft of #14 enameled wire, and using 3" lengths of 3/4" PVC pipe, with two holes drilled in them, one for screwing to the rafters and the other for the wire, I strung the wire as follows:

With a 3" piece of PVC for a center conductor, I put that right in the center of the peak of the roof (which is only abt. 10 ft. long) and then down at at 45 deg. to the top of the walls (abt 9 ft high) and zig zag till the balance of the wire is used up.

Fed with 450 ohm ladder line to MFJ tuner.

I consistently work into Northern Cal, Ore., Washington, Nev. Utah and Az on 40M, QRP. When the higher bands open, like the other day, worked a guy in St Paul, Mn. on 15M, got a 599 (QRP) and he couldn't belive I was only 5 Watts or one tablespoon, with indoor antenna.

I have worked several JA's a few months back, although I wouldn't call it a DX antenna, it does get out.

So, if that's all you can put up, do it. At least you will be on the air, having a ball.

72,

Bill, K6MGO

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End of QRP-L Digest 1487

